Docket No. 1:32-4519

Amendments to the Claims:

Claims 1-21, 26, 31-35, 40, 45-49, 54 and 59-71 are currently pending. Claims 1: 31 and 45 are independent. By this Amendment, claims 17, 31 and 45 are amended. No new matter has been added by this Amendment.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

I (WITHDRAWN): An image processing method for recording a plurality of sensed images on a recording medium, and playing back and displaying the images, comprising: the image massing step of sensing an image; the recording/playback step of recording and playing back the image sensed in the image sensing step; and the display step of playing back and displaying an image sensed at least before a current image, wherein the display step comprises a plurality of display layout modes for displaying the current image sensing signal, and a signal obtained by playing back the image sensed at least before the current image with partial boundary regions thereof overlapping each other.

2 (WITHDRAWN): The method according to claim 1, wherein the image is a still image and/or a moving image.

3 (WITHDRAWN): The method according to claim 1, wherein the plurality of display layout modes of the display step include a first display layout mode in which the images are laid out in two directions, and a second display layout mode in which the images are laid out in one direction.

Docket No. 1 .32-4519

4 (WITHDRAWN): The method according to claim 3, wherein in the second display la out mode, the images are laid out horizontally and/or vertically.

5 (WITHDRAWN): An image processing apparatus for recording a plurality of sensed i-nages on a recording medium, and playing back and displaying the images, comprising: image sensing means for sensing an image; recording/playback means for recording and playing back the image sensed by said image sensing means; and display means for playing back and displaying an image sensed at least before a current image, wherein said display means comprises a plurality of display layout modes for displaying the current image sensing signal, and a signal obtained by playing back the image sensed at least before the current image with partial boundary regions thereof overlapping each other.

6 (WITHDRAWN): The apparatus according to claim 5, wherein the image is a still image and/or a moving image.

7 (WITHDRAWN): The apparatus according to claim 5, wherein the plurality of display layout modes of said display means include a first display layout mode in which the images are 1: id out in two directions, and a second display layout mode in which the images are laid out in on direction.

8 (WITHDRAWN): The apparatus according to claim 7, wherein in the second display le yout mode, the images are laid out horizontally and/or vertically.

9 (WITHDRAWN): The method according to claim 1, further comprising a function of reversing the layout direction in the one direction.

Docket No. 1 32-4519

10 (WITHDRAWN): The apparatus according to claim 5, further comprising a function of reversing the layout direction in the one direction.

11 (WITHDRAWN): The method according to claim 1, wherein the display step comprises a display layout mode for laying out and displaying the current image sensing signal, and a signal obtained by playing back the image sensed at least before the current image in two directions with partial boundary regions thereof overlapping each other, and includes the selection step of selecting an arbitrary one of display regions laid out in the display layout mode.

12 (WITHDRAWN): The apparatus according to claim 5, wherein said display means comprises

a display layout mode for laying out and displaying the current image sensing signal, and signal obtained by playing back the image sensed at least before the current image in two directions with partial boundary regions thereof overlapping each other, and includes selection means for selecting an arbitrary one of display regions laid out in the display layout mode

13 (WITHDRAWN): A storage medium which stores a control program for controlling as image processing apparatus for recording a plurality of sensed images on a recording med am, and playing back and displaying the images, said control program having control modules of the steps of: sensing an image; recording and playing back the sensed image; playing back and displaying an image sensed at least before a current image; and controlling to execute a ph rality of display layout modes for displaying the current image sensing signal, and a signal obtailed by playing back the image sensed at least before the current image with partial boundary regions thereof overlapping each other.

4

Docket No. 1: 32-4519

14 (WITHDRAWN): The medium according to claim 13, wherein the image is a still image and/or a moving image.

15 (WITHDRAWN): The medium according to claim 13, wherein said program further h is a control module of the step of controlling to execute a function of reversing the layout direction in the one direction.

16 (WITHDRAWN): The medium according to claim 13, wherein said control program f rther has a control module of the step of controlling to select an arbitrary one of display regions laid out in a display layout mode for laying out and displaying the current image sensing signa, and a signal obtained by playing back the image sensed at least before the current image in two directions with partial boundary regions thereof overlapping each other.

17 (CURRENTLY AMENDED): An image processing apparatus having a function of toring a plurality of sensed still images or moving images in storage means, comprising:

image sensing means comprising having an image sensing lens which can change an optical system condition while a user takes a plurality of images using said image sensing means;

storage means for storing [[a]] the plurality of images sensed by said image sensing means by associating them with each other;

optical system condition change instruction means for outputting a signal indicating that the optical system of said image sensing lens is operated by a user,

Docket No. 1:32-4519

selecting means for making the user selects whether or not to continue an i-nage sensing operation when said optical system condition change instruction means outputs the signal to change the optical system condition; and

which have been sensed before reception of the instruction for changing the optical system condition of said image sensing lens from said optical system condition change instruction means in a case that the user selects to finish the image sensing operation, and for finishin; associating operation of images sensed after a first one of the plurality of images to be stored in said storage means in association with each other is sensed and stored, and for controlling to stop changing of the optical system condition when the user selects to continue the image sensing operation.

18 (ORIGINAL): The apparatus according to claim 17, wherein the optical system co dition is a focal length of said image sensing lens.

19 (ORIGINAL): The apparatus according to claim 17, wherein associating the plurality of images is obtaining a panoramic image by synthesizing the plurality of images.

20 (ORIGINAL): The apparatus according to claim 17, wherein the plurality of image: are images sensed by performing pixel shift, and associating the plurality of images is obtaining a high-resolution image by synthesizing the plurality of images sensed by performing the pixel shift.

21 (PREVIOUSLY PRESENTED): The apparatus according to claim 17, wherein said control

Docket No. 1 32-4519

means starts image sensing of a plurality of new images to be stored in association with e. ch other after finishing of the associating operation of images.

22-25 (CANCELLED):

26 (PREVIOUSLY PRESENTED): The apparatus according to claim 17, further comprising initial value control means for controlling to set the optical system condition of said image sensing lens at an initial value before sensing of a first one of the plurality of images to be stored in said storage means in association with each other is started.

27-30 (CANCELLED):

31 (CURRENTLY AMENDED): A control method for an image processing apparatus which comprises image sensing means comprising having an image sensing lens which can change an optical system condition while a user takes a plurality of images using said image sensing means by storage means for storing [[a]] the plurality of images sensed by said image sensing means by associating them with each other, optical system condition change instruction means for outputting an instruction for changing the optical system condition of said image sensing lens upon detecting an indication that the optical system is operated by a user, and selecting means for making the user selects whether or not to continue an image sensing operation when said of tical system condition change instruction means outputs the signal to change the optical system condition, comprising the step of:

completing associating operation of the plurality of images which have been sensed before reception of the instruction for changing the optical system condition of said "nage

Docket No. 1 32-4519

sensing lens from said optical system condition change instruction means in a case that the user selects to finish the iamge sensing operation, and for finishing associating operation of integes sensed after a first one of the plurality of images to be stored in said storage means in association with each other is sensed and stored, and for controlling to stop changing of the optical system condition when the user selects to continue the image sensing operation.

32 (ORIGINAL): The method according to claim 31, wherein the optical system condition is a focal length of said image sensing lens.

33 (ORIGINAL): The method according to claim 31, wherein associating the pluralit of images is obtaining a panoramic image by synthesizing the plurality of images.

34 (ORIGINAL): The method according to claim 31, wherein the plurality of images are images sensed by performing pixel shift, and associating the plurality of images is obtaining a high-resolution image by synthesizing the plurality of images sensed by performing the pixel shift.

35 (PREVIOUSLY PRESENTED): The method according to claim 31, further comprising the step of starting image sensing of a plurality of new images to be stored in association with each other after finishing of the associating operation of images.

36-39 (CANCELLED):

40 (PREVIOUSLY PRESENTED): The method according to claim 31, further comprisine; the step of setting the optical system condition of said image sensing lens at an initial value be ore

Docket No. 1:32-4519

sensing of a first one of the plurality of images to be stored in said storage means in association with each other is started.

41-44 (CANCELLED):

45 (CURRENTLY AMENDED): A storage medium that stores a control program for controlling an image processing apparatus which comprises image sensing means emprise ng having an image sensing lens which can change an optical system condition while a user to kee a plurality of images using said image sensing means, storage means for storing [[a]] the plurality of images sensed by said image sensing means by associating them with each other, optical system condition change instruction means for outputting an instruction for changing the optical system condition of said image sensing lens upon detecting an indication that the optical system is operated by a user, and selecting means for making the user selects whether or not to continue an image sensing operation when said optical system condition change instruction means outputs the signal to change the optical system condition, said control program comprising a code of the step of:

sensed before reception of the instruction for changing the optical system condition of said image sensing lens from said optical system condition change instruction means in a case that the user selects to finish the image sensing operation, and for finishing associating operation of images sensed after a first one of the plurality of images to be stored in said storage means in association with each other is sensed and stored, and for controlling to stop changing of the optical system condition when the user selects to continue the image sensing operation.

9

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Application No. 09/265,070 Amendment dated April 28, 2005 Reply to Final Office Action of February 10, 2005

Docket No. 1:32-4519

46 (ORIGINAL): The medium according to claim 45, wherein the optical system cor lition is a focal length of said image sensing lens.

47 (ORIGINAL): The medium according to claim 45, wherein associating the plurality of images is obtaining a panoramic image by synthesizing the plurality of images.

48 (ORIGINAL): The medium according to claim 45, wherein the plurality of images are images sensed by performing pixel shift, and associating the plurality of images is obtaining a high-resolution image by synthesizing the plurality of images sensed by performing the pixel shift.

49 (PREVIOUSLY PRESENTED): The storage medium according to claim 45, wherein said control program further comprising the step of starting image sensing of a plurality of nev images to be stored in association with each other after finishing of the associating operation of images.

50-53 (CANCELLED):

54 (PREVIOUSLY PRESENTED): The storage medium according to claim 45, wherein aid control program further comprising the step of setting the optical system condition of said mage sensing lens at an initial value before sensing of a first one of the plurality of images to be stored in said storage means in association with each other is started.

55-58 (CANCELLED):

Docket No. 1:32-4519

59 (PREVIOUSLY PRESENTED): The apparatus according to claim 17, wherein the claim optical system condition includes free attachment/detachment of said lens unit.

60 (WITHDRAWN): An image processing apparatus having a function of storing a pluratity of sensed still images and/or moving images in storage means, comprising:

a detachable lens unit having nonvolatile storage means;

image sensing means for sensing an object image formed by said lens unit; instruction means for instructing attachment/detachment of said lens unit; and control means for controlling to permit detachment of said lens unit after informat on pertaining to an operation state of said lens unit and/or user information are/is stored in said nonvolatile storage means, when said instruction means outputs an instruction for detaching said lens unit, and for reading out information pertaining to a use state of said lens unit and/or ne user information stored in said nonvolatile storage means and re-setting an operation state of said lens unit is attached again.

61 (WITHDRAWN): The apparatus according to claim 60, wherein the operation state is n image sensing mode of said image processing apparatus.

62 (WITHDRAWN): The apparatus according to claim 60, wherein the operation state is: focal length setting value of a lens unit, a focal length of which can be changed.

63 (WITHDRAWN): A control method for an image processing apparatus which comprises a detachable lens unit having nonvolatile storage means, image sensing means for sensing ar

Docket No. 1 !32-4519

object image formed by said lens unit, and instruction means for instructing attachment/detachment of said lens unit, comprising the step of:

permitting detachment of said lens unit after information pertaining to an operatio state of said lens unit and/or user information are/is stored in said nonvolatile storage means, when said instruction means outputs an instruction for detaching said lens unit, and reading out information pertaining to a use state of said lens unit and/or the user information stored in said nonvolatile storage means and re-setting an operation state of said image processing apparatus in accordance with the readout information, when said lens unit is attached again.

64 (WITHDRAWN): The method according to claim 63, wherein the operation state is as image sensing mode of said image processing apparatus.

65 (WITHDRAWN): The method according to claim 63, wherein the operation state is a ocal length setting value of a lens unit, a focal length of which can be changed.

66 (WITHDRAWN): A storage medium that stores a control program for controlling an inage processing apparatus which comprises a detachable lens unit having nonvolatile storage means, image sensing means for sensing an object image formed by said lens unit, and instruction means for instructing attachment/detachment of said lens unit, said control program comprising a code of the step of:

permitting detachment of said lens unit after information pertaining to an operation state of said lens unit and/or user information are/is stored in said nonvolatile storage means, when said instruction means outputs an instruction for detaching said lens unit, and reading out information pertaining to a use state of said lens unit and/or the user information stored in said

Docket No. 1:32-4519

nonvolatile storage means and re-setting an operation state of said image processing apparatus in accordance with the readout information, when said lens unit is attached again.

67 (WITHDRWAN): The medium according to claim 66, wherein the operation state is a 1 image sensing mode of said image processing apparatus.

68 (WITHDRAWN): The medium according to claim 66, wherein the operation state is a focal length setting value of a lens unit, a focal length of which can be changed.

69 (PREVIOUSLY PRESENTED): The apparatus according to claim 17, further comprising alerting means for alerting upon reception of the instruction for changing the optical systematic condition of said image sensing lens from said optical system condition change instruction means.

70 (PREVIOUSLY PRESENTED): The method according to claim 31, further comprising the step of generating an alert upon reception of the instruction for changing the optical system condition of said image sensing lens from said optical system condition change instruction means.

71 (PREVIOUSLY PRESENTED): The storage medium according to claim 45, wherein aid control program further comprising the step of generating an alert upon reception of the instruction for changing the optical system condition of said image sensing lens from said ptical system condition change instruction means.